Ultra Wide Dynamic Dome Camera

User's Manual

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DESCRIPTION

SA series Ultra WDR cameras are new CCTV cameras which adopt Pixim's innovative "SEAWOLF" image sensor chip based on Digital Pixel System® technology. The resolution is up to 690TVL-E and the industry-leading wide dynamic range is up to 120dB. This WDR ensures brilliant image quality under any lighting environment. The image and color quality is also excellent in low illumination environments. This camera series is an ultra wide dynamic range camera in the real sense using digital sampling which can't be paralleled by average wide dynamic range cameras using older generation CCD imagers. The application of 3D digital noise reduction technology ensures higher S/N, which efficiently reduces the digital storage and transmission data saving system cost. Fashionable and professional exterior design and special all-in-one all directional bracket, makes round-the-clock surveillance easy and convenient.

Average camera with BLC off

Average camera with BLC on

Ultra Wide Dynamic Range camera

PRECAUTIONS

1. Use the Appropriate Power Supply

The input power will be DC12V. Be sure to connect it to the appropriate power. Wrong connection may cause malfunction and damage to the video camera.

2. Do not attempt to disassemble the camera.

To prevent electric shock, do not remove screws or covers. There are no user serviceable parts inside. Ask a qualified service person for servicing.

3. Handle the camera with care.

Do not abuse the camera. Avoid striking, shaking, etc. The camera could be damaged by improper handling or storage.

4. Do note use strong or abrasive detergents when cleaning the camera body.

Use a dry cloth to clean the camera when dirty. In case the dirt is hard to remove Use a mild detergent and wipe gently.

5. Do not put the camera in a place with interference.

When this camera is installed near the equipment like wireless communication device which emits strong electromagnetic field, some irregularity such as noise on monitor screen may happen.

FEATURES

"SEAWOLF" Image Sensor

This camera adopts innovative DPS(Digital Pixel System) image sensor and image processing technology. The sensor picks up details from each pixel based on hundreds of samples per video frame. vs CCD's limited exposures, to ensure wider dynamic range than is possible with analog CCD. The image quality is even brilliant under extreme lighting conditions.changeable lighting condition.

Ultra Wide Dynamic Range

The captured wide dynamic range is 102dB typical and can reach 120dB maximum.

High Effective Resolution

Image resolution as high as 690TVL-E, offering enhanced horizontal and vertical resolution useable in existing as well as new CCTV systems.

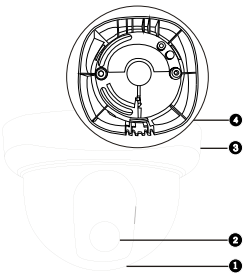
3D Noise Eliminating Technology

Adopts Pixim fully digitalized 3D noise reduction technology to minimize noise, extending DVR storage by 30%+.

Lower Illumination Working Capability

0.1Lux low illumination (IR OFF)

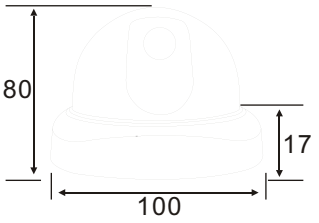
PARTS INSTRUCTION



1、Cove dome
2、Lens
3、Camera base
4、Base Installation Hole

1、revolve the glass cover to left and take it off。
2、fix the camera base by screw to the position required。
3、adjust the camera angle。
4,、get the glass cover covered。

DIMENSIONS



SPECIFICATION

Model			A
Sensor	Sensor		1/3" DPS Sensor
	Video Format		PAL/NTSC
	Resolution		690HTVL-E
	Mini illumination		0Lux;IR-ON
	S/N Ratio		⩾50dB (AGC OFF)
Control	WDR control		Normal
	BLC		OFF
	AGC		Normal
	White Balance	Mode	Auto White Balance(ATW)
		Automatic	(Auto White Balance) 2200~10000 K°
	D/N		External Control
	SYNC Mode		INTERNAL
Power	Voltage		DC12V
	Current		<200mA
Lens			3.6mm
Working Temperature			-10 C° ~50 C°
Size			100(⌀)*80(H)
Weight			250g

*Specification is subject to change without prior notice